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**From:** Michael A Glagola (Generation - 34) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MIC0210]  
**Sent:** 12/7/2015 1:07:37 PM  
**To:** Kenneth Kinder [K.Kinder@gaiconsultants.com]  
**Subject:** Re: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation  
**Attachments:** image007.png; image012.png; image014.png; image015.png; image016.png; image014.png; image015.png; image016.png

No problem.

Thanks,

Mike

Sent from my iPhone

On Dec 7, 2015, at 12:57 PM, Kenneth Kinder <[K.Kinder@gaiconsultants.com](mailto:K.Kinder@gaiconsultants.com)> wrote:  
My fault, I'm sorry for the misunderstanding. Let me get with John K. and get back to you.

**Kenneth W. Kinder, PE, CFM**  
Assistant Engineering Manager  
**GAI Consultants, Inc.**  
300 Summers Street, Suite 1100, Charleston, WV 25301  
304.926.8100 ext. 2608  <image008.png><image009.png><image010.png><image011.png>

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**From:** Michael A Glagola (Generation - 34) [<mailto:michael.a.glagola@dom.com>]  
**Sent:** Monday, December 07, 2015 12:55 PM  
**To:** Kenneth Kinder <[K.Kinder@gaiconsultants.com](mailto:K.Kinder@gaiconsultants.com)>  
**Subject:** RE: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

No, I am looking for what may be the instantaneous quantity of subsurface water at this time in Pond D?

Mike

**From:** Kenneth Kinder [<mailto:K.Kinder@gaiconsultants.com>]  
**Sent:** Monday, December 07, 2015 12:52 PM  
**To:** Michael A Glagola (Generation - 34)  
**Cc:** John Klamut  
**Subject:** RE: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

Mike,

I am assuming you are asking what the volume of **surface** water in Pond D is. On November 10<sup>th</sup> we calculated the surface water (free water) in Pond D to be about **145M** gallons, this was based on a surveyed water surface elevation of 109', collected by a GAI surveyor on November 4<sup>th</sup>.

**Kenneth W. Kinder, PE, CFM**

Assistant Engineering Manager

**GAI Consultants, Inc.**

300 Summers Street, Suite 1100, Charleston, WV 25301

304.926.8100 ext. 2608 <image013.png> <image017.png>

<image018.png>

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**From:** Michael A Glagola (Generation - 34) [<mailto:michael.a.glagola@dom.com>]

**Sent:** Monday, December 07, 2015 12:35 PM

**To:** Kenneth Kinder <[K.Kinder@gaiconsultants.com](mailto:K.Kinder@gaiconsultants.com)>

**Cc:** John Klamut <[J.Klamut@gaiconsultants.com](mailto:J.Klamut@gaiconsultants.com)>

**Subject:** FW: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

Kenneth I provided Christine Harris the information on the dewatering volumes and as you can see advised that dewatering will be from 50-70M gallons for the duration of the Pond D closure project. Based on your information what is the current pore water in the ash pond D now?

Thanks,

Mike

**From:** Christine Harris (Generation - 34)

**Sent:** Monday, December 07, 2015 12:30 PM

**To:** Michael A Glagola (Generation - 34)

**Cc:** Cathy C Taylor (Services - 6)

**Subject:** RE: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

Hi

So what is the total water volume at Possum Point now – surface and the 50 to 70 Million gallons of pore water? How long will we be dewatering and treating based on this?

Thanks.

Christine

**From:** Michael A Glagola (Generation - 34)

**Sent:** Monday, December 07, 2015 7:48 AM

**To:** Christine Harris (Generation - 34)

**Subject:** FW: PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

Christine,

Page 21 shows the quantity of pore water that would be removed from the PP Delta ash over the course of the project. GAI calculated for Pond D between 50-70M gallons of pore or dewatering water. This is similar to the range Golder calculated for the North Pond 50-82M gallons.

Thanks,

Mike

**From:** Kenneth Kinder [<mailto:K.Kinder@gaiconsultants.com>]  
**Sent:** Friday, December 04, 2015 2:41 PM  
**To:** Michael A Glagola (Generation - 34)  
**Cc:** Michael J Winters (Generation - 34); John Klamut; Charlie Straley  
**Subject:** PP Pond D Rapid Drawdown Analysis and Dewatering Evaluation

Mike,

Attached is the Rapid Drawdown Analysis and Dewatering Evaluation for Pond D at Possum Point. Let me know if there are any questions or if you need anything further.

Thanks,

**Kenneth W. Kinder, PE, CFM**  
Assistant Engineering Manager  
**GAI Consultants, Inc.**  
300 Summers Street, Suite 1100, Charleston, WV 25301  
304.926.8100 ext. 2608 <image013.png> <image017.png>  
<image018.png>

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